

REMARKS

As noted in the Remarks filed on July 6, 2009, the Office agrees that the Applicants' disclosure provides support for a claim limitation of "about 17%" but asserts that the disclosure does not provide support for "at least 17%".

As described on page 9, lines 26-27 of the originally filed Specification, a particular embodiment includes a diaphragm having a diameter of 0.626 in. and a nozzle opening having a diameter of 0.250 in. On page 8, lines 16-18, of the Amendment filed on July 6, 2009, the ratio between the two surface areas was incorrectly calculated. Instead, the surface area of the nozzle is 0.049 in^2 and the surface area of the diaphragm is 0.307 in^2 . The correct ratio is therefore 16%. Claims 2 and 10 have now been amended to recite "at least 16%".

The Applicants' Specification discloses that the numerical limitation "is substantially greater than 0.55% ... such as about 17%" (p. 2, ll. 23-26) and 16% (p. 9, ll. 26-27). Because 16% is disclosed, because at least 16% is substantially greater than 0.55%, and because about 17% is at least 16%, the Specification supports a claim limitation to "at least 16%".

Entry and favorable consideration of the amendments are respectfully requested.

CONCLUSION

In view of the above amendments and remarks, it is believed that all claims are in condition for allowance, and it is respectfully requested that the application be passed to issue. If the Examiner feels that a telephone conference would expedite prosecution of this application, the Examiner is invited to call the undersigned attorney.

Respectfully submitted,

R.D. Johnson & Associates, P.C.

By /Rodney D. Johnson/
Rodney D. Johnson
Registration No. 36,558

Telephone: (781) 444-6844
Facsimile: (617) 412-3081

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